## LIST OF CURRENT CLAIMS

1. (Currently Amended) A travel control apparatus for a wheel-driven vehicle, comprising:

<u>a</u> steering operation means for steering a steering device configured to receive steering input to steer a wheel to be steered of the vehicle;

<u>a</u> steering angle <u>detection means for detecting detector configured to</u> <u>detect</u> a steering angle of the <u>steering</u> wheel, the steering angle being a direction and <u>steered angle of the wheel to be steered</u>;

a steering actuator which changes configured to change the steering angle of the steering wheel;

a steering control means for performing a control for actuating controller configured to control the steering actuator so that the steering angle of the steering wheel, which is detected by the steering angle detection means detector, becomes a target steering angle of the steering wheel which is set in response to an operation command outputted from the steering operation device means, and

a traveling speed regulating means for regulating regulator configured to regulate the traveling speed of the vehicle in accordance with an operational state of the steering operation device means and an actuation state of the steering actuator,

wherein the steering control controller is configured to actuate the steering actuator at a first actuation speed if the size of the steering angle, which is obtained on the basis of detection information from the steering angle detector, is a predefined reference amount or lower, and to actuate the steering actuator at a second actuation speed, which is lower than the first actuation speed, for the same operation command when the size of the steering angle exceeds the reference amount.

2. (Currently Amended) The travel control apparatus for a vehicle according to claim 1, wherein the traveling speed regulating means compares regulator is configured to compare the target steering angle of the steering wheel, which is set in accordance with an operational state of the steering operation device means, with the detected steering angle of the steering wheel, which is detected by the steering angle detection means detector, and, when difference between the target steering angle and the detected

steering angle is a predetermined value or higher, regulates to regulate the traveling speed of the vehicle to a predetermined speed or lower.

- 3. (Currently Amended) The travel control apparatus for a vehicle according to claim 1, wherein the traveling speed regulating means performs control for comparing regulator is configured to control and compare the target steering angle of the steering wheel, which is set in accordance with an operational state of the steering operation device means, with the detected steering angle of the steering wheel, which is detected by the steering angle detection means detector, and to gradually reducing reduce the traveling speed of the vehicle as the difference between the target steering angle and the detected steering angle increases.
- 4. (Currently Amended) The travel control apparatus for a vehicle according to claim 3, wherein the traveling speed regulating means sets-regulator is configured to set a deceleration which increases as the difference increases, and performs a control for to perform a control to gradually reducing reduce the traveling speed of the vehicle on the basis of the set deceleration.
- 5. (Currently Amended) The travel control apparatus for a vehicle according to claim 1, further comprising:

<u>a</u> steering operation speed detection means for obtaining detector configured to obtain an operation speed of the steering operation device means,

wherein, when the operation speed of the steering operation <u>device</u> means, which is obtained by the steering operation speed <u>detection means</u> <u>detector</u>, is a predetermined value or higher, the traveling speed <u>regulating means</u> <u>regulator</u> regulates the traveling speed of the vehicle so that the traveling speed of the vehicle becomes a predetermined speed or lower.

6. (Currently Amended) The travel control apparatus for a vehicle according to claim 1, further comprising:

<u>a</u> steering operation speed <u>detection means</u> for <u>obtaining detector</u> configured to obtain an operation speed of the steering operation <u>device means</u>,

wherein, when the operation speed of the steering operation <u>device</u> means, which is obtained by the steering operation speed <u>detection means</u> <u>detector</u>, is a predetermined value or higher, the traveling speed <u>regulating means</u> <u>performs a control</u> for <u>gradually reducing regulator is configured gradually to reduce</u> the traveling speed of the vehicle as the operation speed increases.

- 7. (Currently Amended) The travel control apparatus for a vehicle according to claim 6, wherein the traveling speed regulating means sets\_regulator is configured to set a deceleration which increases as the operation speed increases, and performs—a to perform a control [[for]] to gradually reducing reduce the traveling speed of the vehicle on the basis of the set deceleration.
- 8. (Currently Amended) The travel control apparatus for a vehicle according to claim 1, further comprising:

<u>a</u> steering actuator actuation speed <u>detection means for obtaining detector</u> <u>configured to obtain an actuation speed of the steering actuator,</u>

wherein, when the actuation speed of the steering actuator, which is obtained by the steering actuator actuation speed detection means detector, is a predetermined value or higher, the traveling speed regulating means regulates regulator is configured to regulate the traveling speed of the vehicle so that the traveling speed of the vehicle becomes a predetermined speed or lower.

9. (Currently Amended) The travel control apparatus for a vehicle according to claim 1, further comprising:

<u>a steering actuator actuation speed detection means for obtaining detector</u> <u>configure to obtain an actuation speed of the steering actuator,</u>

wherein, when the actuation speed of the steering actuator, which is obtained by the steering actuator actuation speed detection means detector, is a predetermined value or higher, the traveling speed regulating means performs regulator is configured to perform a control for gradually reducing to gradually reduce the traveling speed of the vehicle as the actuation speed increases.

10. (Currently Amended) The travel control apparatus for a vehicle according to claim 9, wherein the traveling speed regulating means sets regulator is configured to set a deceleration which increases as the actuation speed increases, and performs to perform a control for gradually reducing to gradually reduce the traveling speed of the vehicle on the basis of the set deceleration.

## 11. (Cancelled)

- 12. (Currently Amended) The travel control apparatus for a vehicle according to claim 11, wherein the steering eontrol means actuates controller is configured to actuate the steering actuator at the first actuation speed when the target steering angle is set so that the size of the steering angle becomes the reference amount or lower from the state in which the size of the steering angle exceeds the reference amount, even if the size of the steering angle still exceeds the reference amount.
- 13. (Currently Amended) The travel control apparatus for a vehicle according to any of claim 1, wherein the larger the steering angle with respect to a straight forward direction of the steering wheel, the steering angle being detected by the steering angle detection means detector, the slower the actuation speed of the steering actuator actuated by the steering control means controller.
- 14. (Currently Amended) The travel control apparatus for a vehicle according to any of claim 1, further comprising:
- a steering mechanism having a pair of knuckle arms [[for]] swingably supporting a pair of the steering wheels to be steered around kingpin axes, and a tie rod [[for]] connecting the pair of knuckle arms,

wherein the steering actuator drives is configured to drive the steering mechanism to change the steering angles of the steering wheels,

the steering angle detection means is detector being attached to one of the pair of right and left steering wheels, and

the steering control means performs a control for actuating controller is configured to control the actuation of the steering actuator so that one of the steering angles of the pair of right and left steering wheels detected by the steering angle detection means detector becomes the target steering angle which is set in response to an operation command outputted from the steering operation device means.

15. (Currently Amended) The travel control apparatus for a vehicle according to claim 14, wherein

the steering mechanism is characterized in that a difference is generated between the steering angles of the pair of right and left steering wheels when the vehicle turns, and

the target steering angle is set for one of the pair of right and left steering wheels to which the steering angle detection means detector is attached, in accordance with an operation direction and the amount of operation of the steering operation device means, and

the steering control means performs a control for actuating controller is configured to perform a control to actuate the steering actuator on the basis of the characteristic of the steering mechanism so that the steering angle of one of the pair of right and left steering wheels, which is detected by the steering angle detection means detector, becomes the target steering angle which is set in accordance with the operation direction and the amount of operation of the steering operation device means.

16. (New) A travel control apparatus for a wheel-driven vehicle, comprising:
steering operation device configured to receive steering input to steer a
wheel to be steered of the vehicle;

a steering angle detector configured to detect a steering angle of the wheel, the steering angle being a direction and steered angle of the wheel to be steered;

a steering actuator configured to change the steering angle of the wheel;

a steering controller configured to control the steering actuator so that the steering angle of the wheel, which is detected by the steering angle detector, becomes a

target steering angle of the wheel which is set in response to an operation command outputted from the steering operation device;

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a traveling speed regulator configured to regulate the traveling speed of the vehicle in accordance with an operational state of the steering operation device and an actuation state of the steering actuator; and

a steering mechanism having a pair of knuckle arms swingably supporting a pair of the wheels to be steered around kingpin axes, and a tie rod connecting the pair of knuckle arms,

wherein the steering actuator is configured to drive the steering mechanism to change the steering angles of the wheels,

the steering angle detector being attached to one of the pair of right and left wheels to be steered, and

the steering controller is configured to control the actuation of the steering actuator so that one of the steering angles of the pair of right and left wheels detected by the steering angle detector becomes the target steering angle which is set in response to an operation command outputted from the steering operation device;

wherein the steering mechanism is characterized in that a difference is generated between the steering angles of the pair of right and left wheels when the vehicle turns, and

the target steering angle is set for one of the pair of right and left wheels to which the steering angle detector is attached, in accordance with an operation direction and the amount of operation of the steering operation device, and

the steering controller is configured to actuate the steering actuator on the basis of the characteristic of the steering mechanism so that the steering angle of one of the pair of right and left wheels, which is detected by the steering angle detector, becomes the target steering angle which is set in accordance with the operation direction and the amount of operation of the steering operation device.